SEPA ENVIRONMENTAL CHECKLIST UPDATED 2014

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants: [help]

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to <u>all parts of your proposal</u>, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [help]

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the <u>SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D)</u>. Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements —that do not contribute meaningfully to the analysis of the proposal.

A. background [help]

- Name of proposed project, if applicable: [help]
 Silverado Issaquah
- 2. Name of applicant: [help]
 Siverado Care
- 3. Address and phone number of applicant and contact person: [help]

Siverado Care

Att: Perry Devlin Director of Development 6400 Oak Canyon, Suite 200 Irvine, Ca. 92618

Cc:

Wattenbarger Architects

Ph: (949)930-3050

Att: James Brown Principal 2100 112th Ave NE, Suite #100 Bellevue, WA 98004 Ph: (425) 453-0606

- 4. Date checklist prepared: [help]
 April 26, 2016
- Agency requesting checklist: [help]
 City of Issaquah Development Services.
- 6. Proposed timing or schedule (including phasing, if applicable): [help]
 Start of construction anticipated for early 2017.
- 7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [help]

No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [help]

The site contains several wetlands and steams. The following have been identified by Wetland Resources, Inc. in their initial recon report. A more comprehensive wetland study has been initiated.

- 1. Tibbett's Creek Class 'F' stream with 100' buffer
- 2. Tributary stream 'B' Class 'F' stream with 100' buffer
- 3. Tributary stream 'C' Class 'F' stream with 100' buffer
- 4. Wetland 'A' Category III with 50' buffer
- 5. Wetland 'B' Category III with 50' buffer
- 6. Wetland 'C' Category IV with 40' buffer (increased to 50' due to it's proximity to Wetland 'A'.
- 9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. [help]
- 10. List any government approvals or permits that will be needed for your proposal, if known. [help]
 - Level 3 Site Development permit from the City of Issaquah
 - Building permit from the City of Issaquah
 - Review and approval by DOH Construction Review Services for Residential Board and Care.
 - NPDES General Construction Permit as monitored by the Washington State Department of Ecology.
- 11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) [help]
- A. Development of the property of up to a maximum of 6 duplexes (containing 12 dwelling units), and a stand-alone building serving as a Banquet Hall and Club House as a cluster housing development. The dwelling units will house and serve senior residents under the Adult Family Home use as permitted under IMC Table 18.06.130, and will be licensed by the State of Washington under WAC Chapter 388-76 and / or 388-78A.
- 12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. [help]



B. ENVIRONMENTAL ELEMENTS [help]

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1.	Ea	П	n

- a. General description of the site [help]
 (circle one): Flat, rolling, hilly, steep slopes, mountainous, other ______
- b. What is the steepest slope on the site (approximate percent slope)? [help]
 Up to 50% in areas not proposed for development. Approximately 5% in areas proposed for development.
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [help]

Gravel, silty sand.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [help]

None identified

- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [help]
 Earthwork activites will be required to grade the proposed developed area of the site to accommodate a building and associated parking. The area proposed to be disturbed during grading activities is approximately 3.0 acres. The quantities of earthwork as currently proposed is approximately 3,200 cubic yards of cut and approximately 19,200 cubic yards of fill. All fill material will be from an approved source.
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [help]

During construction operations some erosion could occur due to exposed soils on site. These areas will require erosion controls as stated elsewhere in this document.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? [help]

10% (Approx.)

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [help]
During construction Best Management Practices and perimeter controls will be utilized to contain erosion and sedimentation. This will include perimeter controls such as silt fencing and mulch berms and will include covering of stockpiles and areas of exposed soils that will not be directly worked for more than 7 days. All disturbed areas will be

stabilized with planting and ground cover methods following construction to limit erosion.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [help]

The project would not be a direct source of emissions. Vehicular impacts on air quality would be minimal.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [help]

No

c. Proposed measures to reduce or control emissions or other impacts to air, if any: [help]
None anticipated.

3. Water

- a. Surface Water: [help]
 - Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type

and provide names. If appropriate, state what stream or river it flows into. [help]

- 2) Tibbett's Creek Class 'F' salmanoid stream with 100' buffer
- 3) Tributary stream 'B' Class 'F' salmanoid stream with 100' buffer
- 4) Tributary stream 'C' Class 'F' salmanoid stream with 100' buffer
- 5) Wetland 'A' Category III with 50' buffer
- 6) Wetland 'B' Category III with 50' buffer
- 7) Wetland 'C' Category IV with 40' buffer (increased to 50' due to it's proximity to Wetland 'A'.
- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. [help]

 Yes, the project is proposing some averaging of the buffers. All structures are held back from the category 'F' streams by the required buffer of 100' (or as modified in some locations to 75') and a 15' building setback line.
- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [help]
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [help]
 No surface water is proposed to be withdrawn or diverted.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [help]

The site contains a 100 year floodplain, but all proposed development is outside of the floodplain.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [help]
No

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [help]
 No
- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . .; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. [help] None
- c. Water runoff (including stormwater):
 - 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [help]

 Runoff from this development will be from impervious roof areas, pervious and impervious paved areas and pervious landscaped areas. Roof drainage and impervious paved areas will be collected in a tightline system and routed through a flow control and water quality treatment facility as necessary per City of Issaquah codes and requirements. Discharge will be through flow spreaders and dispersion at the edge of wetland and creek buffer areas. The ultimate receiver of runoff from the development will be Tibbet's Creek that runs north/south through the property and to the east of the proposed development area. Peak discharge rates following development will not exceed current peak discharge rates under undeveloped conditions. Pervious paving and landscaped areas will use infiltration as the method of stormwater control.
 - 2) Could waste materials enter ground or surface waters? If so, generally describe. [help] No waste materials are anticipated to enter ground or surface waters.
 - 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Stormwater controls for this development will be by use of Low Impact Design techniques such as infiltration, dispersion, bioretention, etc. as practical and through the use of flow control and water quality treatment facilities as required by code.

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Х	_deciduous tree: alder, maple, aspen, other
Χ	_evergreen tree: fir, cedar, pine, other
Χ	shrubs
X	grass
	_pasture
	_crop or grain
	Orchards, vineyards or other permanent crops.
X	wet soil plants: cattail, buttercup, bullrush, skunk cabbage, othe
	_water plants: water lily, eelgrass, milfoil, other
	other types of vegetation

b. What kind and amount of vegetation will be removed or altered? [help]
 Vegetation removal will generally be limited to pasture grasses, domestic landscaping and invasive species such as Himalayan blackberry

- c. List threatened and endangered species known to be on or near the site. [help]
 Steelhead (Oncorhynchus mykiss) are identified within Tibbits Creek
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [help]

Native trees and shrubs will be planted within the buffer areas immediately adjacent to the proposed development activity

e. List all noxious weeds and invasive species known to be on or near the site.

Himalayan blackberry, evergreen blackberry and reed canarygrass

5. Animals

a. <u>List</u> any birds and <u>other</u> animals which have been observed on or near the site or are known to be on or near the site. Examples include: [help]

birds: <a href="https://heron.psi.nlm.nih.google-nih.go

- b. List any threatened and endangered species known to be on or near the site. [help]

 None
- c. Is the site part of a migration route? If so, explain. [help]

The site is located within the Pacific flyway

d. Proposed measures to preserve or enhance wildlife, if any: [help]

The proposed buffer enhancement measures will not only benefit water quality and stormwater control, but will also provide a lift to existing wildlife habitat.

e. List any invasive animal species known to be on or near the site.

None known.

6. Energy and natural resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [help]

Electric power and gas are available and will be provided to the site.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [help]

No

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [help]

Project will meet or exceed WSEC requirements.

7. Environmental health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. [help]

No

1) Describe any known or possible contamination at the site from present or past uses.

None known

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

None known

 Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

None known

None

- 4) Describe special emergency services that might be required.
- 5) Proposed measures to reduce or control environmental health hazards, if any:

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [help]

Traffic noise from SR-900

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [help]

Short term noise from heavy equipment associated with grading.

No long term noise impacts.

3) Proposed measures to reduce or control noise impacts, if any: [help]
Limitations on hours of operation for heavy equipment as defined by the City of Issaguah.

8. Land and shoreline use

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [help]

Current use is single family home & undeveloped woods & field. Project would not have any impact on adjacent property use.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [help]

Site has not been used for farmland or forestry.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No

c. Describe any structures on the site. [help]

Single family home and several small out buildings.

d. Will any structures be demolished? If so, what? [help]

All existing structures will be demolished.

e. What is the current zoning classification of the site? [help]

SFE - Single Family Estates.

f. What is the current comprehensive plan designation of the site? [help]

Low density residential.

- g. If applicable, what is the current shoreline master program designation of the site? [help] N/A.
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [help]

Yes, Tibbett's Creek and 2 tributary streams are class 'F' salmanoid streams. There are also class III and class IV wetlands on the site.

i. Approximately how many people would reside or work in the completed project? [help]

91 residents supported by a staff of approximately 80. Staffing levels vary with peak staff of apprixmiately 30 people.

- j. Approximately how many people would the completed project displace? [help] None.
- k. Proposed measures to avoid or reduce displacement impacts, if any: [help]
 None
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [help]

This will be determined in the level 3 Site Development Permit process.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

This will be determined in the level 3 Site Development Permit process.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [help]
 - 53 Sleeping Units. Private pay Licensed Residential Board and Care.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [help]
 - 1 existing single family dwelling. Middle income.
- c. Proposed measures to reduce or control housing impacts, if any: [help]
 None.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [help]

Approximately 18' at roof peak. Hardi Panel siding & cast stone.

- b. What views in the immediate vicinity would be altered or obstructed? [help]

 None.
- c. Proposed measures to reduce or control aesthetic impacts, if any: [help]
 Incorporation of feedback from Level 3 Site Development Permit process and compliance with the City of Issaquah municipal code requirements.

11. Light and glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [help]

Limited indirect or difuse site lighting.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [help] No.
- c. What existing off-site sources of light or glare may affect your proposal? [help]
 None.
- d. Proposed measures to reduce or control light and glare impacts, if any: [help] Site lighting to be indirect or difuse.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity? [help]
Site amenities associated with the project include a playground, interior courtyard with activities including gardening, putting green, walking paths, covered and open patios.

Site is located approximately ½ mile from Tibbett's Valley Park, and 1 mile from Cougar Mountain Regional Wildland Park & Squak Mountain State Park.

- b. Would the proposed project displace any existing recreational uses? If so, describe. [help]
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [help]
 None.

13. Historic and cultural preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [help]

Single Family home built in 1922 in average condition. The structure and site do not have any known historic value and do not appear to be eligible for county, state or federal listing.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [help]

None known.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [help]

GIS, Historic maps.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

No known resources exist on site.

14. Transportation

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [help]
 The property is off of SR-900. Proposed access is at an existing signaled intersection.
 Modifications to the intersection and signaling will be coordinated with WSDOT and the City of Issaquah.
- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [help]

 Not on existing transit route. Site is approximately 1 mile from the Issaquah Transit center.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [help]

48 new on-site parking stalls would be constructed as part of the project. No existing parking would be eliminated.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [help]

The proposed project will require upgrading the current intersection and signal control systems as well as frontage improvements south of Talus Drive. These will be public features and will be coordinated with the city of Issaguah and WSDOT.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [help]

No.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [help]

Using an activities-based trip generation approach (reflecting the number of staff and employee shifts), an estimated net increase of approximately 114 daily, 10 a.m. peak hour (10 entering and 0 exiting), and 3 p.m. peak hour vehicular trips (1 entering and 2 exiting) would be generated at full build-out of the 90-bed memory care facility.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.
- h. Proposed measures to reduce or control transportation impacts, if any: [help]
 None.

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [help] Proposed project will be serviced by local fire protection and police. No additional or specific increased needs is anticipated.
- b. Proposed measures to reduce or control direct impacts on public services, if any. [help]

 None.

16. Utilities

a.	Circle utilities currently available at the site: [help]
	electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system
	other

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [help]

Electrical, Gas, Water, Refuse, Telephone, Sanitary Sewer will be required for the proposed project. All necessary utilities are available to the site.

C. Signature [HELP] The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision. Signature: Name of signee Principal Position and Agency/Organization Date Submitted: D. supplemental sheet for nonproject actions [help] (IT IS NOT NECESSARY to use this sheet for project actions) Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment. When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms. 1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise? Proposed measures to avoid or reduce such increases are: 2. How would the proposal be likely to affect plants, animals, fish, or marine life? Proposed measures to protect or conserve plants, animals, fish, or marine life are: 3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4.	How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?
	Proposed measures to protect such resources or to avoid or reduce impacts are:
5.	How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?
	Proposed measures to avoid or reduce shoreline and land use impacts are:
6.	How would the proposal be likely to increase demands on transportation or public services and utilities?
	Proposed measures to reduce or respond to such demand(s) are:
7.	Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.